

PTO/SB/08A (08-00)

Approved for use through 10/31/2008, OMB 0851-0031
 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
 Substituted for form 1449/APTO

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Application Number	10/722,786
Filing Date	November 26, 2003
First Named Inventor	Linda M. Morawski
Group Art Unit	1732
Examiner Name	
Attorney Docket Number	JDC0393 CON1

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code ² (if known)			
		6,169,415	A	Tanada	12-12-2000	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T ³
		Office ⁴	Number ⁴	Kind Code ⁵				
		EP	0 668 140	B1	M-C Schiffer GmbH	08-23-1996	English Claims	N
		EP	0 721 832	B1	M-C Schiffer GmbH	07-17-1996	English Claims	N
		WO	87/44175	A1	Tennworth Plastics Limited	11-27-1987		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ³
		PATENT ABSTRACTS OF JAPAN, Vol. 1996, No. 2, 02-29-1996 & JP 07 284411 A, SEKISUI CHEM CO LTD, 10-31-1996 abstract	
		PATENT ABSTRACTS OF JAPAN, Vol. 1996, No. 5, 05-31-1996 & JP 08 001829 A, MIYAGAWA KASEI IND CO LTD, 01-09-1998 abstract	
		PATENT ABSTRACTS OF JAPAN, Vol. 16, No. 72 (M-1213), 02-21-1992 & JP 03 261632 A, MAZDA MOTOR CORP., 11-21-1991 abstract	
		PATENT ABSTRACTS OF JAPAN, Vol. 1995, No. 7, 08-31-1995 & JP 07 108866 A, GODOU KAKAKU KK, 04-25-1995 abstract	
		"Gas Injection Technique - Process Engineering Plant Engineering Design Rules" Brochure, Institut für Kunststoffverarbeitung, Aachen, Germany, 1996	
		"Gasinnendruckspritzgießen mit technischen Kunststoffen" K.-W. Kirberg, Kunststoffberater Vol. 38, 1991, No. 1/2, p. 29-39	N
		"Injection Molding Handbook", D. Rosato, 2 nd Edition, p. 266	
		"Universeller Problemlöser", U. Ecker Plastikverarbeiter, Vol. 50, 1999, No. 1, January, p. 22-25	N
		"Ausbildung der Restwanddicke und Prozesssimulation bei der Gasinjektionstechnik", H. Firdessen, IKV Berichte aus der Kunststoffverarbeitung, Band 67, 1997, p. 109-114, Institut für Kunststoffverarbeitung, Verlag Mitz, Aachen, Germany	N
		"Oberflächenfehler vermeiden bei der Gasinjektionstechnik" P. Eyerer, A. Riewel, et al., Kunststoffe, Vol. 89, 1999, No. 7, July, p. 44-49	N

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



PTO/SB/08A (08-00)
Approved for use through 10/31/2002. OMB 0851-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Application Number	10/722,785
Filing Date	November 26, 2003
First Named Inventor	Linda M. Morawski
Group Art Unit	1732
Examiner Name	
Attorney Docket Number	JDC0393 CON1

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code ² (if known)			
		6,159,415	A	Tanada	12-12-2000	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T ³
		Office ³	Number ⁴	Kind Code ⁵				
		EP	0 668 140	B1	M+C Schiffer GmbH	08-23-1995	English Claims	N
		EP	0 721 832	B1	M+C Schiffer GmbH	07-17-1996	English Claims	N
		WO	97/44175	A1	Tamworth Plastics Limited	11-27-1997		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		PATENT ABSTRACTS OF JAPAN, Vol. 1996, No. 2, 02-29-1996 & JP 07 284411 A, SEKISUI CHEM CO LTD, 10-31-1995 abstract	
		PATENT ABSTRACTS OF JAPAN, Vol. 1996, No. 5, 05-31-1996 & JP 08 001829 A, MIYAGAWA KASEI IND CO LTD, 01-09-1996 abstract	
		PATENT ABSTRACTS OF JAPAN, Vol. 16, No. 72 (M-1213), 02-21-1992 & JP 03 261532 A, MAZDA MOTOR CORP, 11-21-1991 abstract	
		PATENT ABSTRACTS OF JAPAN, Vol. 1995, No. 7, 08-31-1995 & JP 07 108558 A, GOGOU KAGAKU KK, 04-25-1995 abstract	
		"Gas Injection Technique - Process Engineering Plant Engineering Design Rules" Brochure, Institut für Kunststoffverarbeitung, Aachen, Germany, 1996	
		"Gasinnendruckspritzgießen mit technischen Kunststoffen" K.-W. Kirberg, Kunststoffberater Vol. 36, 1991, No. 1/2, p. 29-33	N
		"Injection Molding Handbook", D. Rosato, 2 nd Edition, p. 258	
		"Universeller Problemlöser", U. Stieler Plstverarbeiter, Vol. 50, 1999, No. 1, January, p. 22-25	N
		"Ausbildung der Restwanddicke und Prozeßsimulation bei der Gasinjektionstechnik", H. Findeisen, IKV Berichte aus der Kunststoffverarbeitung, Band 67, 1997, p. 109-114, Institut für Kunststoffverarbeitung, Verlag Mainz, Aachen, Germany	N
		"Oberflächenfehler vermeiden bei der Gasinjektionstechnik" P. Eyerer, A. Riewel, et al., Kunststoffe, Vol. 89, 1999, No. 7, July, p. 44-48	N

Examiner Signature		Date Considered	Feb 03
--------------------	--	-----------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450